Infrastructure for Power Transmission

5375. **SHRI V. HANUMANTHA RAO:** Will the Minister of POWER be pleased to state:

(a) whether there is a lack of adequate infrastructure for transmission of power in the country;

(b) what was the role of the Power Grid Corporation in this regard;

(c) whether the distribution network has not kept up with the requirements of the industry and consumers; and

(d) what steps are proposed to be taken to streamline the Power Grid Corporation?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) Development of infrastructure for transmission of power is an on-going process and there is always a scope and need for augmentation and strengthening of the transmission network.

(b) POWER GRID has a major role in developing the National Power Grid, including operation & maintenance of all Extra High Voltage Transmission System in the central sector, execution of transmission system associated with new central sector generation projects and establishment of inter-regional transmission links. Besides, POWERGRID has also to implement various Unified Load Despatch & Communication Schemes for strengthening of regional grids and to look after the Regional Load Despatch Centres.

(c) The distribution network for end use consumers which is with the State Electricity Boards has not kept pace with the requirements due to large scale expansion of urban systems and rural electrification programmes and the lack of adequate resources with the State Electricity Boards who are primarily responsible for augmentation/ strengthening of distribution systems.

(d) Adequate institutional and professional infrastructure already exists in POWERGRID for the accomplishment of tasks assigned to them and further streamlining of its operations/working can be made from time to time with reference to the future requirements. Studies are already being carried out on "Institutional Development & Organisation structure of POWERGRID" and "Long term Integrated Transmission Planning."

Targetted Power Generation Capacity of NTPC

5376. **SHRI KRISHNA KUMAR BIRLA:** Will the Minister of POWER be pleased to state:

(a) whether the NTPC has recently drawn up plans to create fresh generating capacity in the next few years;

(b) if so, the total generation capacity of power that exists at present and the target to be achieved by 1995-96;

(c) whether the NTPC has been earning profits and whether the dues from Electricity Boards are piling up;

(d) if so, the total dues outstanding against each of the SEBs as on the 30th April, 1995; and

(e) the steps taken to recover the dues?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) and (b) National Thermal Power Corporation (NTPC) proposes to take up the following new projects to augment its generating capacity in the next few years:—

	Name of the Project Power	Capacity (in MW)	Schedule for commissioning of last unit
(i)	Vindhyachal Super Thermal/Project (Stage-II) in Madhya Pradesh	1000	Feb. 2001
(ii)	Unchahar Thermal Power Project (Stage-II) in Uttar Pradesh	420	July, 2000
(iii)	Kayamkulam Combined Cycle Project in Kerala	400	Aug., 1999
(iv)	Faridabad Gas Power Project in Haryana	400	Oct., 1999
(v)	Kawas Gas Power Project (Stage-II) in Gujarat	650	50 months*
(vi)	Ramagundam Super Thermal Power Project (Stage-III) in Andhra Pradesh	500	62 months*
(vii)	Talcher Super Thermal Power Project (Stage-II) in Orissa	2000	90 months*
(viii)	Rihand Super Thermal Power Project (Stage-II) in Uttar Pradesh	1000	71 months*
(ix)	Simhadri Thermal Power Station, Visakhapatnam	1000	71 months*
(x)	Hyderabad Metro Combined Cycle Power Project, Hyderabad.	650	50 months*
	TOTAL	8020	

*Indicates in months time required for synchronisation of last unit after CCEA clearance.

NTPC had an installed capacity of 15,625 MW as on 31st March, 1995. Its target for capacity addition during 1995-96 is 500 MW through the synchronization of Unit-II of Talcher Super Thermal Power Project (Stage-I). Further, Government has approved the take-over by NTPC of the Talcher Thermal Power Station (460 MW) of Orissa State Electricity Board.

(c) and (d) Yes, Sir. NTPC has been making profits since 1982-83, the year in which its generation started. The net profits earned by NTPC so far during the Eighth Plan are as follows:

Year	Net Profit (Rs. in crores)
1992-93	886.57
1993-94	1057.97
1994-95	1112.15 (Porivional)

So far as dues from State Electricity Boards(SEBs) are concerned, though most of them have started responding positively for payment of outstanding dues, there have been difficulties in realising the dues from U.P. State Electricity Board, Government of Jammu & Kashmir and Delhi Electric Supply Undertaking. The total outstanding dues payable to NTPC as on 30.4.1995 are Rs. 1725.97 crores (excluding surchage of Rs. 1347.10 crores). The details are at Statement *(See* below).

(e) The steps taken to recover the arrears due from SEBs include:

(i) Signing of Bulk Power Supply Agreements/Power Purchase Agreements with SEBs and pursuing for opening of Letter of Credit.

(ii) Permitting NTPC to regulate power supply from its power stations, wherever feasible.

(iii) Recovery of NTPC's dues through Central Appropriation from the Central Plan Assistance of the defaulting States.

(iv) Follow-up with defaulting SEBs to clear their outstanding dues and to regularly pay their current bills.

Statement

NTPC's outstanding Dues

(Provisional)

As on 30th April, 1995

(Rs. Crores)

State Electricity Boards (SEBs)	Outstanding as on date	Surcharge billed	Total Outstanding
1	2	3	4
A. Northern Region & National Capital Region			
Uttar Pradesh SEB	570.77	268.25	839.02
Rajasthan SEB	37.20	121.63	158.83
Delhi Electric Supply Undertaking	285.42	74.63	360.05
Punjab SEB	19.86	3.22	23.08
Haryana SEB	197.88	106.59	304.47
Himachal Pradesh SEB	4.25	8.05	12.30
Jammu & Kashmir	249.57	33.58	283.15
Union Territory of Chandigarh	3.39	0.24	3.63
TOTAL (A)	1368.34	616.19	1984.53
B. Western Region			
Madhya Pradesh Elec. Board	50.72	163.42	214.14
Maharashtra SEB	34.1	66.74	100.88
Gujarat Elec. Board	10.84	61.03	71.87
Goa	1.45	0.13	1.58
Dadar & Nagar Haveli	0.00	0.00	0.00
Daman & Diu	0.00	0.03	0.03
TOTAL (B):	97.15	291.35	388.50
C. Southern Region			
Andhra Pradesh SEB	55.12	35.75	90.87
Karnataka Elec. Board	10.53	27.52	38.05
Tamil Nadu Elec. Board	22.65	50.57	73.22
Kerala SEB	6.21	21.32	27.53
Goa	0.95	0.45	1.40
Pondicherry	0.00	0.02	0.02
TOTAL (C)	95.46	135.63	231.09

1	2	3	4
D. Western Region			
West Bengal	7.68	53.79	61.47
Bihar SEB	113.52	220.79	334.31
Orissa SEB	42.63	29.21	71.84
Sikkim	1.19	0.14	1.33
TOTAL (D)	165.02	303.93	468.95
TOTAL A+B+C+D	1725.97	1347.10	3073.07

Power Projects with Foreign Assistance

5377. SHRI SARADA MOHANTY: Will the Minister of POWER be pleased to state:

(a) the details of the power projects identified in different States for foreign assistance;

(b) the details of the external aid likely to be made available for implementing these power projects; and

(c) the estimated cost, installed capacity and the prospects of the availability of funds for these projects?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILA BEN CHIMANBHAI PATEL): (a) to (c) Details of power projects recommended by the Ministry of Power for external assistance during the year 1994-95 are given below:

Sl. No.	Projects	Estimated cost (in Rs. crores)
	Projects for assistance under AUSAID (formerly known as AIDAB) of Australia	
1.	Impact of improved/blended coal quality on the performance of thermal power stations—pilot scale and field study of CPRI in Maharashtra.	39.88
2.	Provision of SVCs (140/70 MVAR) at Lucknow, Kanpur and Moradabad of UPSEB in Uttar Pradesh.	120.00
3.	Establishment of Kolhapur 400 KV Sub-Station of MSEB in Maharashtra	94.30
4.	Establishment of Bidhannagar 400 KV Sub-Station of WBSEB in West Bengal	42.76
5.	Associated transmission system of Jegrupadu Gas Based Power Project of APSEB in Andhra Pradesh	25.00
	Project for assistance under KFW of Germany	
6.	Upgradation, Renovation and Modernisation of Durgapur Projects Limited (DPL) of Govt. of West Bengal in West Bengal.	330.00
	Project for assistance under SIDA of Sweden	
7.	CPRI proposal to augment facilities R&D, Testing & Simulation in the field of HVDC Transmission Technology.	9.55